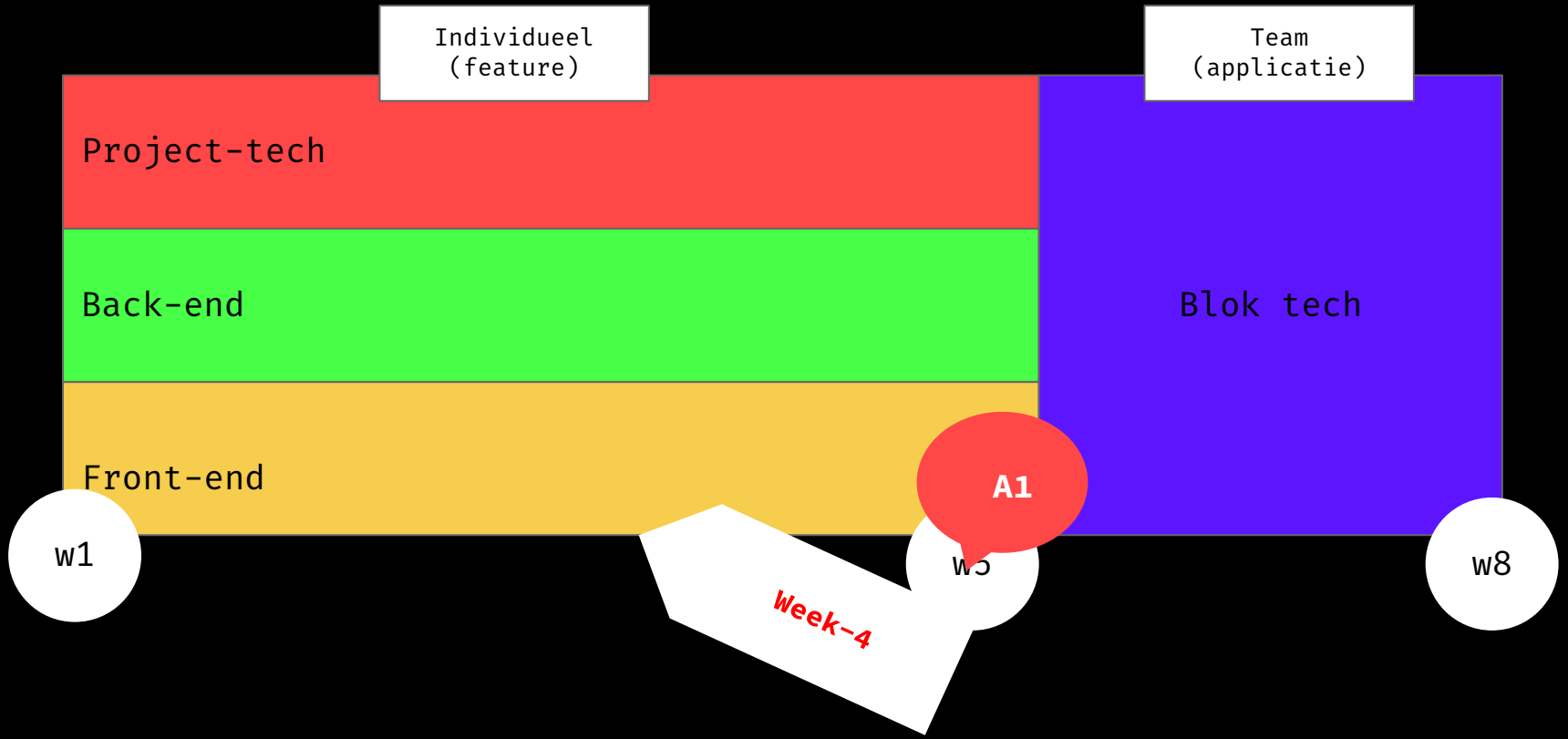
project-tech

Deployment

lab 4/8

Stand-up!

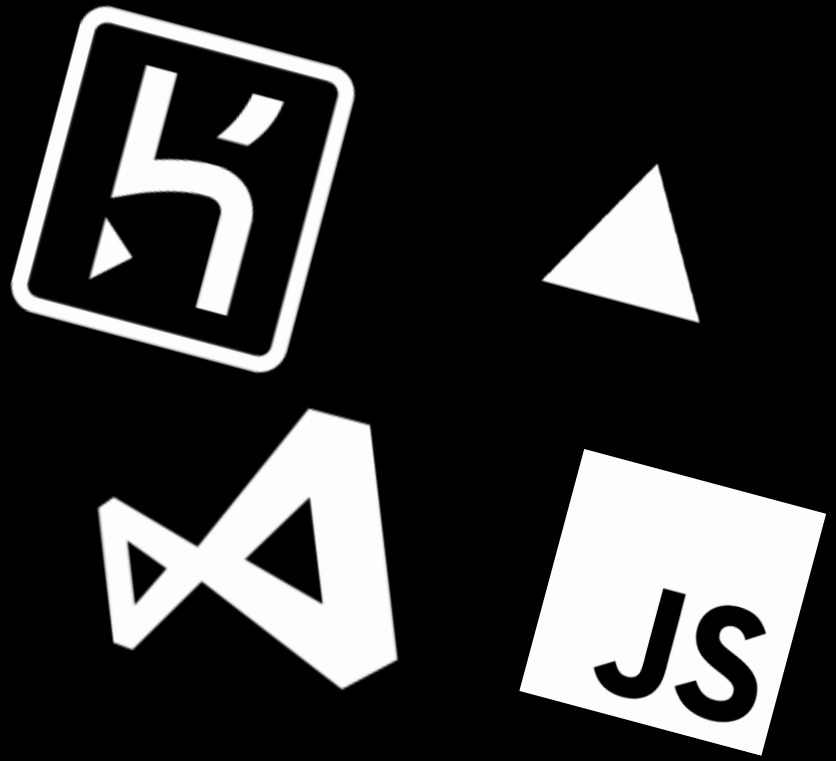

Individueel
(feature)
Team
(applicatie)
Project-tech
Back-end
Front-end
Blok tech
A1
w1
w5
w8
Week-4

Note: Next week (5) we'll do a final peer review.
See it as a checklist.

today

~~I. Standup~~

II. Deployment



Assessment 1 - Individual

You've worked iteratively (*formative*) on your product and finish with an oral test (*summative*). You'll **show the feature** you've [illegible] for back-end based on your code in your repository and live version. *A teacher will try out your feature and look at the code.*

You will show you can create a quality project in which you apply the subject matter of this course and that you understand it.

You will answer questions in such a way as to demonstrate sufficient knowledge of our goals.

This is an individual assessment, so tests will be conducted between one teacher and one student.

> **This is an assessment, not another moment for feedback.** So you will be graded. There isn't much time for additional feedback or troubleshooting technical issues.

Preparation

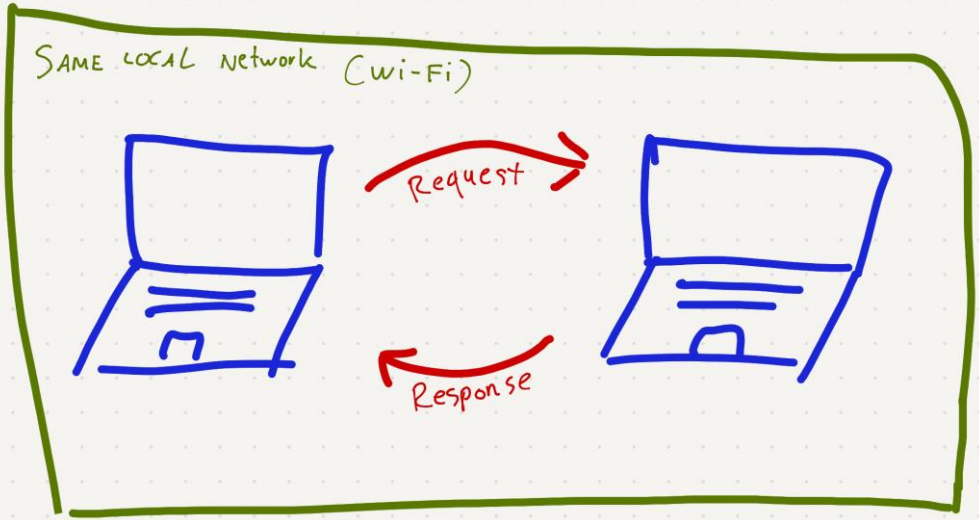
Since we have limited time make sure you come to the assessment prepared:

- **Bring your computer** and make sure it's *charged* and connected to *Wifi*.
- Make sure your *webcam*, *microphone* and *screen sharing* **works in MS Teams**
- Have the latest version of your feature **ready in your browser**.
- Have the latest version of your code **ready on GitHub**.

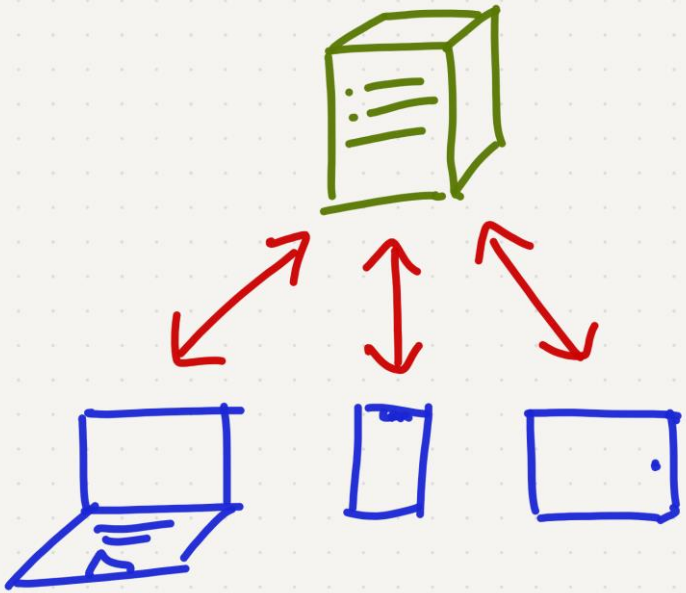
let's look at the rubric for A1

Deployment

Localhost:3000

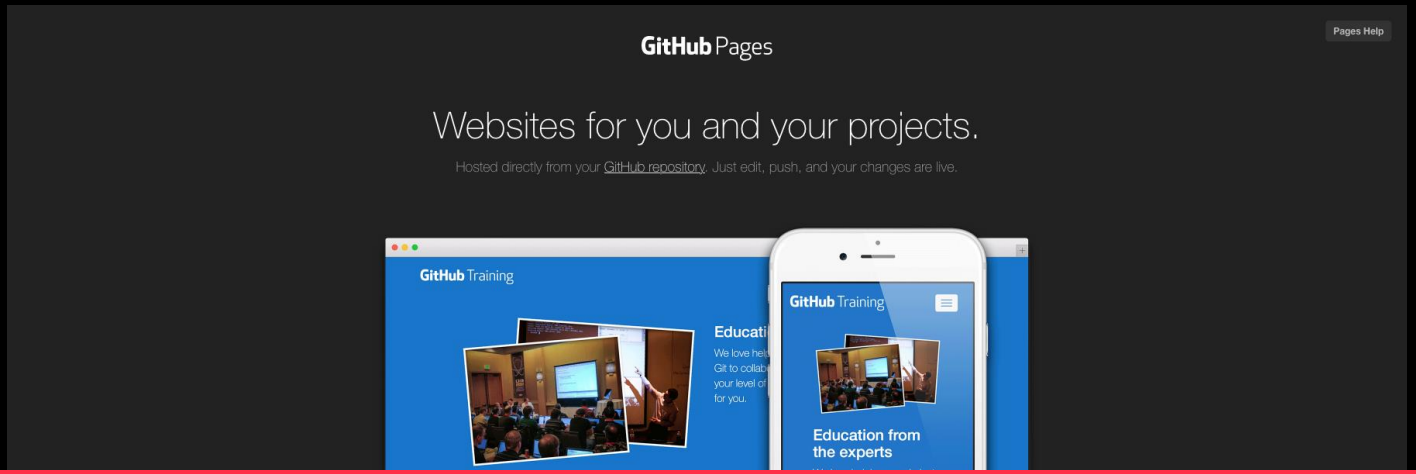


~~LOCALHOST~~ → 192.168.1.163



Deployment

static



Note: *Static hosting* like GitHub pages or Oege **won't work for dynamic Node.js** applications

Providers

There’s many hosting providers available, ranging from smaller (local) ones like Yourhosting to global conglomerates like Amazon Web-Services (AWS).

Choice is based on project requirements and costs.

Deployment

paas

Vercel,
Glitch,
Now, Zeit,
Pokemon

DigitalOcean

☺

Heroku

😢

DigitalOcean

VPS

Many hosting providers offer virtual private servers (VPS). These “boxes” allow you to do.. whatever you want. This is great if you have some very specific requirements, but also means you have to do everything yourself.

Popular options are TransIP (VPS), AWS (EC2), or DigitalOcean (Droplet).

VPS, PaaS, wtf

PaaS

There’s also dedicated services that do all the hard work for you. These are often a little more expensive and less-flexible.

We refer to these services as
Platform as a Service.

Popular options are Vercel, Platform.sh, and DigitalOcean App Platform.

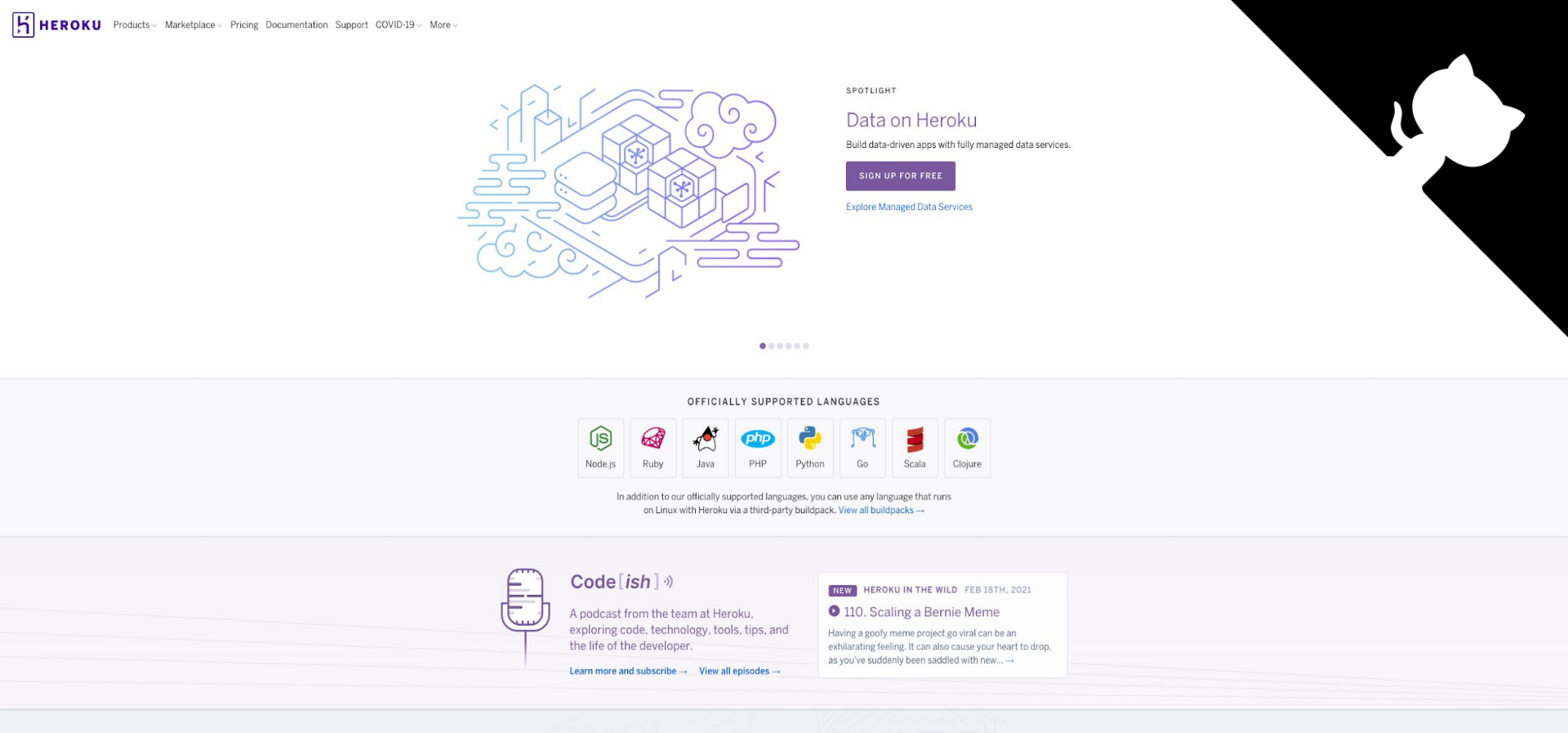
Deployment

.env

```
// Files
mongodb-server/
├─ node_modules/
├─ static/
│  ├─ index.css
│  ├─ index.js
│  └─ upload/
├─ view/
│  ├─ add.ejs
│  ├─ detail.ejs
│  ├─ head.ejs
│  ├─ list.ejs
│  ├─ not-found.ejs
│  └─ tail.ejs
├─ .env
├─ index.js
└─ package.json
```

.env

```
DB_HOST=localhost
DB_PORT=27017
DB_NAME=mymoviewebsite
```



Live demo deploy, paas, hosting

exit;

see you in lab-5!